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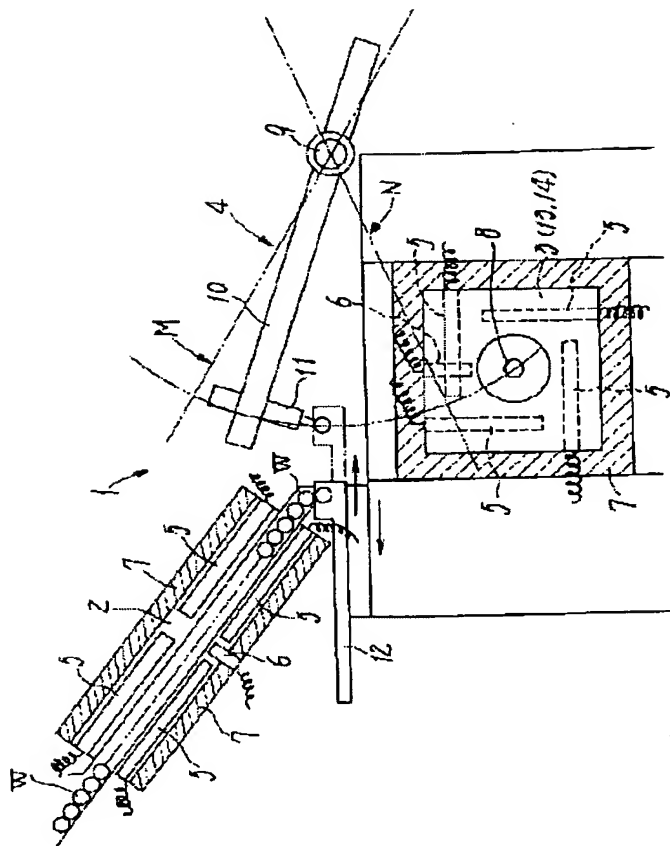
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TITLE : MAGNESIUM ALLOY SCREW PARTS,
AND MANUFACTURING DEVICE
THEREFOR



ABSTRACT : PROBLEM TO BE SOLVED: To provide a magnesium alloy screw parts which are light in weight and excellent in specific strength by warm forging, and to provide a device for manufacturing the magnesium alloy screw parts which is excellent in productivity and stable in quality.

SOLUTION: The screw parts are formed by warm forging a magnesium alloy with an elongation of $\geq 50\%$ in a heated condition of 250-400°C. The screw parts manufacturing device is provided with a chute 2 which continuously feeds stocks W which are obtained by cutting a wire formed of a magnesium alloy with an elongation of $\geq 50\%$ in a heated condition of 250-400°C to a predetermined length, punch and dies 3, 13, 14 which forge the stock W into a blank B2 of the screw parts by warm forging, a transfer means 4 to transfer the stocks fed from the chute to the punch and dies 3, 13, 14 and an arranging rail 21 which arranges the blank B2 forged and formed by the punch and dies 3, 13, 14 and feeds them to a screw form-rolling die, and further comprises heating means 5-7 which heat the punch and die 3 and the arranging rail 21.

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